Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_

**Physical Science**: Chapter 23 Section 2 Natural Resources

**Directions: Choose 3 of the questions below and answer on lined paper or on a Doc. Use any available resources and provide as much detail as possible.**

1. What are some ways that humans used renewable resources for energy centuries or even millennia ago? Explain at least 2 methods: how they work, who used it, distribution methods of any kind.
2. Research what kind(s) of renewable energy Rhode Island produces. Where are the production facilities located? Why is Rhode Island an optimal location for that form of renewable energy?
3. Choose 1 renewable energy resource. Brainstorm three to four types of jobs in that field. Explain what they do, what their salary is, what companies they might work for, where are those companies, etc.
4. Research a new and innovative technology (ex: solar panel) in 2 of the renewable energy categories (solar, wind, water, geothermal, biofuel) . What are the benefits of the new technologies? What are the risks? Which area (solar, wind, etc.) sounds the most exciting to you? Why?
5. Take a look at the [pie chart of our national energy consumption by source in 2011](http://www.eia.gov/totalenergy/data/annual/perspectives.cfm" \t "_blank). Which renewable do you think has the potential for the most growth as a source of energy for the U.S.? Why? What factors are involved?